

Noah W Palm

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

7,546
citations

109137

35
h-index

197535

49
g-index

55
all docs

55
docs citations

55
times ranked

13956
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunoglobulin A Coating Identifies Colitogenic Bacteria in Inflammatory Bowel Disease. <i>Cell</i> , 2014, 158, 1000-1010.	13.5	982
2	Th17 cells transdifferentiate into regulatory T cells during resolution of inflammation. <i>Nature</i> , 2015, 523, 221-225.	13.7	653
3	Pattern recognition receptors and control of adaptive immunity. <i>Immunological Reviews</i> , 2009, 227, 221-233.	2.8	615
4	TH2, allergy and group 2 innate lymphoid cells. <i>Nature Immunology</i> , 2013, 14, 536-542.	7.0	551
5	Epithelial IL-18 Equilibrium Controls Barrier Function in Colitis. <i>Cell</i> , 2015, 163, 1444-1456.	13.5	432
6	Mechanosensation of cyclical force by PIEZO1 is essential for innate immunity. <i>Nature</i> , 2019, 573, 69-74.	13.7	329
7	Allergic host defences. <i>Nature</i> , 2012, 484, 465-472.	13.7	316
8	Inflammasomes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016287-a016287.	2.3	286
9	Nlrp9b inflammasome restricts rotavirus infection in intestinal epithelial cells. <i>Nature</i> , 2017, 546, 667-670.	13.7	279
10	A Yersinia Effector Protein Promotes Virulence by Preventing Inflammasome Recognition of the Type III Secretion System. <i>Cell Host and Microbe</i> , 2010, 7, 376-387.	5.1	250
11	Immune-microbiota interactions in health and disease. <i>Clinical Immunology</i> , 2015, 159, 122-127.	1.4	245
12	A Forward Chemical Genetic Screen Reveals Gut Microbiota Metabolites That Modulate Host Physiology. <i>Cell</i> , 2019, 177, 1217-1231.e18.	13.5	221
13	Bee Venom Phospholipase A2 Induces a Primary Type 2 Response that Is Dependent on the Receptor ST2 and Confers Protective Immunity. <i>Immunity</i> , 2013, 39, 976-985.	6.6	175
14	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	15.2	170
15	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. <i>Journal of Experimental Medicine</i> , 2016, 213, 1223-1239.	4.2	163
16	Origin and Function of Stress-Induced IL-6 in Murine Models. <i>Cell</i> , 2020, 182, 372-387.e14.	13.5	148
17	Humanized mouse model supports development, function, and tissue residency of human natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9626-E9634.	3.3	138
18	IgA-deficient humans exhibit gut microbiota dysbiosis despite secretion of compensatory IgM. <i>Scientific Reports</i> , 2019, 9, 13574.	1.6	134

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19	Enteric Nervous System-Derived IL-18 Orchestrates Mucosal Barrier Immunity. <i>Cell</i> , 2020, 180, 50-63.e12.	13.5	120
20	Adaptive immunity induces mutualism between commensal eukaryotes. <i>Nature</i> , 2021, 596, 114-118.	13.7	110
21	Causal effects of the microbiota on immune-mediated diseases. <i>Science Immunology</i> , 2018, 3, .	5.6	103
22	Semaphorin 7A Is a Negative Regulator of T Cell Responses. <i>Immunity</i> , 2006, 24, 591-600.	6.6	102
23	Characterization of Autoinducer-3 Structure and Biosynthesis in <i>E. coli</i> . <i>ACS Central Science</i> , 2020, 6, 197-206.	5.3	85
24	Not so fast: adaptive suppression of innate immunity. <i>Nature Medicine</i> , 2007, 13, 1142-1144.	15.2	82
25	Postmenopausal breast cancer and oestrogen associations with the IgA-coated and IgA-noncoated faecal microbiota. <i>British Journal of Cancer</i> , 2018, 118, 471-479.	2.9	82
26	Î³ T cells regulate the intestinal response to nutrient sensing. <i>Science</i> , 2021, 371, .	6.0	78
27	Immunostimulatory activity of haptened proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4782-4787.	3.3	75
28	Within-host evolution of a gut pathobiont facilitates liver translocation. <i>Nature</i> , 2022, 607, 563-570.	13.7	65
29	Immunoglobulin A Targets a Unique Subset of the Microbiota in Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2021, 29, 83-93.e3.	5.1	53
30	Epithelial endoplasmic reticulum stress orchestrates a protective IgA response. <i>Science</i> , 2019, 363, 993-998.	6.0	51
31	Role of the inflammasome in defense against venoms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1809-1814.	3.3	49
32	Navigating the Microbiota Seas: Triangulation Finds a Way Forward. <i>Cell Host and Microbe</i> , 2018, 23, 1-3.	5.1	46
33	Immunoglobulin A and the microbiome. <i>Current Opinion in Microbiology</i> , 2020, 56, 89-96.	2.3	46
34	Inflammasomes and intestinal homeostasis: regulating and connecting infection, inflammation and the microbiota. <i>International Immunology</i> , 2014, 26, 495-499.	1.8	44
35	Identification of <i>Allobaculum mucolyticum</i> as a novel human intestinal mucin degrader. <i>Gut Microbes</i> , 2021, 13, 1966278.	4.3	42
36	Antifungal defense turns 17. <i>Nature Immunology</i> , 2007, 8, 549-551.	7.0	40

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37	Functional Classification of the Gut Microbiota: The Key to Cracking the Microbiota Composition Code. <i>BioEssays</i> , 2017, 39, 1700032.	1.2	31
38	Autoreactivity in naïve human fetal B cells is associated with commensal bacteria recognition. <i>Science</i> , 2020, 369, 320-325.	6.0	29
39	Interspecies commensal interactions have nonlinear impacts on host immunity. <i>Cell Host and Microbe</i> , 2022, 30, 988-1002.e6.	5.1	23
40	Gut Microbiota: IgA Protects the Pioneers. <i>Current Biology</i> , 2018, 28, R1117-R1119.	1.8	20
41	An Ugi-like Biosynthetic Pathway Encodes Bombesin Receptor Subtype-3 Agonists. <i>Journal of the American Chemical Society</i> , 2019, 141, 16271-16278.	6.6	16
42	Small Molecule Metabolites at the Host-Microbiota Interface. <i>Journal of Immunology</i> , 2021, 207, 1725-1733.	0.4	14
43	Impact of Diabetes on the Gut and Salivary IgA Microbiomes. <i>Infection and Immunity</i> , 2020, 88, .	1.0	11
44	A human secretome library screen reveals a role for Peptidoglycan Recognition Protein 1 in Lyme borreliosis. <i>PLoS Pathogens</i> , 2020, 16, e1009030.	2.1	9
45	MAIT Cells: A Link between Gut Integrity and Type 1 Diabetes. <i>Cell Metabolism</i> , 2017, 26, 813-815.	7.2	6
46	Gut instincts in neuroimmunity from the eighteenth to twenty-first centuries. <i>Seminars in Immunopathology</i> , 2022, 44, 569-579.	2.8	6
47	Enhancement of anti-tumor CD8 immunity by IgG1-mediated targeting of Fc receptors. <i>MAbs</i> , 2014, 6, 108-118.	2.6	5
48	Tummy Time: The Infant Microbiota-IgA Connection. <i>Cell Host and Microbe</i> , 2016, 20, 6-8.	5.1	2
49	Learn to love those allergies. <i>New Scientist</i> , 2012, 216, 30-31.	0.0	0